

## POWER OF ATTORNEY TO PROSECUTE APPLICATIONS BEFORE THE USPTO

I hereby revoke all previous powers of attorney given in the application identified in the attached statement under 37 CFR 3.73(b)

I hereby appoint:

☒ Practitioners associated with the Customer Number

34415

OR

☐ Practitioner(s) named below (if more than ten patent practitioners are to be named, then a customer number must be used):

Name	Registration Number

as attorney(s) or agent(s) to represent the undersigned before the United States Patent and Trademark Office (USPTO) in connection with any and all patent applications assigned only to the undersigned according to the USPTO assignment records or assignment documents attached to this form in accordance with 37 CFR 3.73(b).

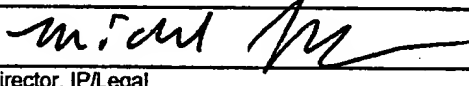
Assignee Name and Address:

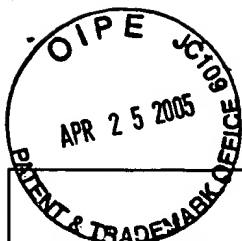
Symantec Corporation  
20330 Stevens Creek Boulevard  
Cupertino, CA 95014

A copy of this form, together with a statement under 37 CFR 3.73(b) (Form PTO/SB/96 or equivalent) is required to be filed in each application in which this form is used. The statement under 37 CFR 3.73(b) may be completed by one of the practitioners appointed in this form if the appointed practitioner is authorized to act on behalf of the assignee, and must identify the application in which this Power of Attorney is to be filed.

### SIGNATURE of Assignee of Record

The individual whose signature and title is supplied below is authorized to act on behalf of the assignee

Name	Michael Schallop	Date	3.9.05
Signature		Telephone	(408) 517-8297
Title	Director, IP/Legal Symantec Corporation		



### STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: Sandeep Singhal, Richard K. Neves, Darren M. Sanders

Application/Patent No.: 09/848,441

Filing Date/Issue Date: May 3, 2001

Entitled: Location-aware service proxies in a short-range wireless environment

Symantec Corporation, a

Corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.  
The extent (by percentage) of its ownership interest is \_\_\_\_\_ %  
in the patent application/patent identified above by virtue of either:

- A. ☐ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
2. From \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
3. From \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

[X] Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08].

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

April 15, 2005

Date

(650) 335-7127

Telephone number

Neil F. Maloney

Typed or printed name

Signature

Attorney for Applicants

Title



10012

**UNITED STATES DEPARTMENT OF COMMERCE**  
**Patent and Trademark Office**  
ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

**COPY**



\*700154980A\*

MARCH 04, 2005

PTAS

FENWICK & WEST LLP  
BRIAN M. HOFFMAN, ESQ.  
SILICON VALLEY CENTER  
801 CALIFORNIA STREET  
MOUNTAIN VIEW, CA 94041

UNITED STATES PATENT AND TRADEMARK OFFICE  
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PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 02/16/2005

REEL/FRAME: 015722/0797  
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).  
DOCKET NUMBER: 20423-01000

ASSIGNOR:

SYMANTEC INTERNATIONAL LIMITED

DOC DATE: 02/15/2005

ASSIGNEE:

SYMANTEC CORPORATION  
20330 STEVENS CREEK BLVD.  
CUPERTINO, CALIFORNIA 95014

SERIAL NUMBER: 09866297

FILING DATE: 05/25/2001

PATENT NUMBER: 6851050

ISSUE DATE: 02/01/2005

TITLE: PROVIDING SECURE NETWORK ACCESS FOR SHORT-RANGE WIRELESS COMPUTING DEVICES

SERIAL NUMBER: 10688576 FILING DATE: 10/18/2003  
PATENT NUMBER: ISSUE DATE:  
TITLE: LOCATION-INDEPENDENT PACKET ROUTING AND SECURE ACCESS IN A SHORT-RANGE WIRELESS NETWORKING ENVIRONMENT

SERIAL NUMBER: 09685715 FILING DATE: 10/10/2000  
PATENT NUMBER: ISSUE DATE:  
TITLE: EXTENSION MECHANISM AND TECHNIQUE FOR ENABLING LOW-POWER END DEVICES TO ACCESS REMOTE NETWORKS USING SHORT-RANGE WIRELESS COMMUNICATIONS MEANS

SERIAL NUMBER: 10785637 FILING DATE: 02/24/2004  
PATENT NUMBER: ISSUE DATE:  
TITLE: MECHANISM AND TECHNIQUE FOR DYNAMICALLY OPTIMIZING ANTENNA ORIENTATION AND TRANSMIT POWER IN A MESHED NETWORK ENVIRONMENT

SERIAL NUMBER: 09848662 FILING DATE: 05/03/2001  
PATENT NUMBER: ISSUE DATE:  
TITLE: METHOD AND SYSTEM FOR ADAPTING SHORT-RANGE WIRELESS ACCESS POINTS FOR PARTICIPATION IN A COORDINATED NETWORKED ENVIRONMENT

SERIAL NUMBER: 09848441 FILING DATE: 05/03/2001  
PATENT NUMBER: ISSUE DATE:  
TITLE: LOCATION-AWARE SERVICE PROXIES IN A SHORT-RANGE WIRELESS ENVIRONMENT

SERIAL NUMBER: 09848394 FILING DATE: 05/03/2001  
PATENT NUMBER: ISSUE DATE:  
TITLE: TECHNIQUE FOR ENABLING REMOTE DATA ACCESS AND MANIPULATION FROM A PERVASIVE DEVICE

SERIAL NUMBER: 10011538 FILING DATE: 11/13/2001  
PATENT NUMBER: ISSUE DATE:  
TITLE: ENABLING SECURE COMMUNICATION IN A CLUSTERED OR DISTRIBUTED ARCHITECTURE

SERIAL NUMBER: 10457573 FILING DATE: 06/09/2003  
PATENT NUMBER: ISSUE DATE:  
TITLE: SEAMLESS USER MOBILITY IN A SHORT-RANGE WIRELESS NETWORKING ENVIRONMENT

SERIAL NUMBER: 09637742 FILING DATE: 08/11/2000  
PATENT NUMBER: 6633761 ISSUE DATE: 10/14/2003  
TITLE: ENABLING SEAMLESS USER MOBILITY IN A SHORT-RANGE WIRELESS NETWORKING ENVIRONMENT

SERIAL NUMBER: 09657745 FILING DATE: 09/08/2000  
PATENT NUMBER: 6691227 ISSUE DATE: 02/10/2004  
TITLE: LOCATION-INDEPENDENT PACKET ROUTING AND SECURE ACCESS IN A SHORT-RANGE WIRELESS NETWORKING ENVIRONMENT

015722/0797 PAGE 3

VIOLET MCCOY, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

700154980

Form PTO-1595

## RECORDATION FORM COVER SHEET

U.S. DEPARTMENT OF COMMERCE

(Rev. 03/01) (modified)

U.S. Patent And Trademark Office

## PATENTS ONLY

OMB No. 0651-0027 (exp 5/31/2002)

To the Honorable Commissioner For Patents: Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

Symantec International Limited

Additional name(s) of conveying party(ies) attached?

☐ Yes ☒ No

## 3. Nature of Conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other: \_\_\_\_\_

Execution Date: February 15, 2005

## 2. Name and address of receiving party(ies):

Name: Symantec Corporation

Internal Address:

Street Address: 20330 Stevens Creek Blvd.

City: Cupertino

State: CA Zip: 95014

Additional name(s) &amp; address(es) attached?

☐ Yes ☒ No

## 4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

09/866,297; 10/688,576; 09/685,715; 10/785,637;  
09/848,662; 09/848,441; 09/848,394; 10/011,538; 10/457,573

B. Patent No.(s): 6,633,761; 6,691,227

Additional numbers attached? ☐ Yes ☒ No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Brian M. Hoffman, Esq.

Internal Address: Fenwick &amp; West LLP

Street Address: Silicon Valley Center  
801 California Street

City: Mountain View State: CA Zip Code: 94041

## 6. Total number of applications and patents involved: [11]

7. Total fee (37 CFR 3.41): \$ 440.00

- ☐ Check Enclosed  
☐ Fee Transmittal Enclosed

☒ Charge the indicated fees to the below mentioned deposit account.

8. Deposit Account No.: 19-2555

DO NOT USE THIS SPACE

## 9. Statement and signature:

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Brian M. Hoffman, 39,713

Name of Person Signing



Signature

February 16, 2005

Date

Total number of pages including cover sheet, attachments, documents: [3]

Mail documents to be recorded with required cover sheet information to: Mail Stop Assignment Recordation Services, Director of the US Patent and Trademark Office, PO Box 1450, Alexandria, VA 22313-1450

Case Docket No.: 20423-01000

20423/01000/SF/5137661.

## ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, Symantec International Limited, an Irish company, having a place of business at Ballycoolin Business Park, Blanchardstown, Dublin 15, Ireland ("ASSIGNOR"), has sold, assigned, and transferred and does hereby sell, assign, and transfer to Symantec Corporation, a Delaware corporation, having a place of business at 20330 Stevens Creek Blvd., Cupertino, CA 95014 ("ASSIGNEE"), for itself and its successors, transferees, and assignees, the following:

1. The entire worldwide right, title, and interest in all inventions and improvements ("SUBJECT MATTER") that are disclosed in the following applications and Letters Patents ("PATENT RIGHTS"):

Country:	Patent Application Serial No.:	Title:	Filing Date:
US	09/866,297	Providing Secure Network Access for Short-Range Wireless Computing Devices	May 21, 2001
US	10/688,576	Location Independent Packet Routing and Secure Access in a Short-Range Wireless Networking Environment	October 20, 2003
US	09/685,715	Extension Mechanism and Technique for Enabling Low-Power End Devices to Access Remote Networks Using Short-Range Wireless Communications Means	October 10, 2000
US	10/785,637	Mechanism and Technique for Dynamically Optimizing Antenna Orientation and Transmit Power in a Meshed Network Environment	February 24, 2004
US	09/848,662	Method and System for Adapting Short-Range Wireless Access Points for Participation in a Coordinated Networked Environment	May 3, 2001
US	09/848,441	Location Aware Service Proxies in a Short-Range Wireless Environment	May 3, 2001
US	09/848,394	Technique for Enabling Remote Data Access and Manipulation From a Pervasive Device	May 3, 2001
US	10/011,538	Enabling Secure Communication in a Clustered or Distributed Architecture	November 13, 2001
US	10/457,573	Seamless User Mobility in a Short-Range Wireless Networking Environment	June 11, 2003

Country:	Letters Patent No.:	Title:	Issue Date:
US	6,633,761	Enabling Seamless User Mobility in a Short-Range Wireless Networking Environment	October 14, 2003
US	6,691,227	Location Independent Packet Routing and Secure Access in a Short-Range Wireless Networking Environment	February 10, 2004

and;

2. The entire worldwide right, title, and interest in and to:

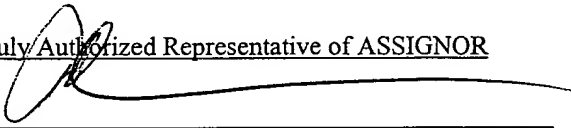
(a) the PATENT RIGHTS, including any right of priority; (b) any provisional, divisional, continuation, substitute, renewal, reissue, and other related applications thereto which have been or may be filed in the United States or elsewhere in the world; (c) any patents which may be granted on the applications set forth in (a) and (b) above; and (d) the right to sue in its own name and to recover for past infringement of any or all of any applications or patents issuing therefrom together with all rights to recover damages for infringement of provisional rights.

ASSIGNOR agrees to do the following, when requested, and without further consideration, in order to carry out the intent of this Assignment: (1) execute all oaths, assignments, powers of attorney, applications, and other papers necessary or desirable to fully secure to ASSIGNEE the rights, titles and interests herein conveyed; (2) communicate to ASSIGNEE all known facts relating to the SUBJECT MATTER of the above-identified patent applications and Letters Patents; and (3) generally do all lawful acts that ASSIGNEE shall consider desirable for securing, maintaining, and enforcing worldwide patent protection relating to the SUBJECT MATTER of the above-identified patent applications and Letters Patents and for vesting in ASSIGNEE the rights, titles, and interests herein conveyed. ASSIGNOR further agrees to provide any successor, transferee, assignee, or legal representative of ASSIGNEE with the benefits and assistance provided to ASSIGNEE hereunder.

ASSIGNOR represents that ASSIGNOR has the rights, titles, and interests to convey as set forth herein, and covenants with ASSIGNEE that the ASSIGNOR has made or will make hereafter no assignment, grant, mortgage, license, or other agreement affecting the rights, titles, and interests herein conveyed.

Duly Authorized Representative of ASSIGNOR

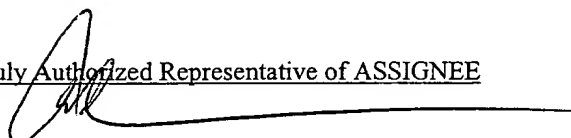
Date of Signature

  
Arthur Courville  
Director  
Symantec International Limited  
Ballycoolin Business Park  
Blanchardstown, Dublin 15  
IRELAND

2/15/05, 2005

Duly Authorized Representative of ASSIGNEE

Date of Signature

  
Arthur Courville  
Senior Vice President and General Counsel  
Symantec Corporation  
20330 Stevens Creek Blvd  
Cupertino, CA 95014

2/15/05, 2005



12 12 2000 07:17:11 FROM: [REDACTED] 12 12 2000 12:12:11

12/12/2000 12:12:11 12/12/2000 12:12:11

**ADDITIONAL NAME AND ADDRESS OF RECEIVING PARTY**

---

**Name and address of receiving party(ies):**

**Name:** Symantec International Limited

**Internal Address:**

**Street Address:** Ballycoolin Business Park

**City:** Blanchardstown, Dublin 15, Ireland

**State:** Zip

**Additional name(s) & address(es) attached?**

☐ Yes ☒ No

---

### PATENT ASSIGNMENT

This PATENT ASSIGNMENT (this "Assignment") is entered into by ReefEdge, Inc., Delaware corporation, having a place of business located at Two Executive Drive, Suite 600, Fort Lee, New Jersey 07024 ("Assignor"), as assignor, in favor of Symantec Corporation, a Delaware corporation, having a place of business located at 20330 Stevens Creek Blvd, Cupertino, CA 95014 and Symantec International Limited, an Irish company with its corporate offices at Ballycoolin Business Park, Blanchardstown, Dublin 15, Ireland (collectively "Assignee"), as assignee, with reference to the following facts and circumstances:

Assignor and Assignee have entered into that certain Asset Purchase Agreement dated as of January 31, 2005 (the "Asset Purchase Agreement"), which, along with the promises contained herein, constitute mutual consideration for the promises herein;

Assignor is the sole and exclusive owner of the Letters Patents and applications in the United States (hereinafter the "Patents") as shown on the attached Exhibit 1.

Assignee desires to acquire, and Assignor desires to assign, Assignor's right, title and interest in, to and under the Patents as provided in the Asset Purchase Agreement.

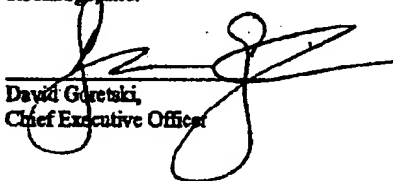
NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration the receipt and adequacy of which is hereby acknowledged, Assignor has sold, assigned, transferred and set over, and does hereby sell, assign, transfer and set over to Assignee the Patents listed in Exhibit 1 attached hereto, together with all patents, patent applications, patent rights (including all reissues, reexaminations, extensions, continuations, continuations in part, continuing prosecution applications, and divisions of such patents and applications; provisional patent applications that are or will be continuations or continuations in part of such patents and applications foreign counterparts to any of the foregoing including utility models; and the right to sue and recover for past infringement).

Assignor further warrants that it has not executed, and will not execute, any agreements in conflict with or inconsistent with this assignment.

In testimony whereof, Assignor has caused this Assignment to be executed by its officer(s) thereunto duly authorized.

ASSIGNOR  
ReefEdge, Inc.

Dated: 01/28/05

  
David Goretski,  
Chief Executive Officer

**EXHIBIT 1 TO PATENT ASSIGNMENT**

**UNITED STATES ISSUED PATENTS**

Serial No.	Filing Date	Title
6,633,761 (09/637,742)	Aug. 11, 2000	Enabling Seamless User Mobility in a Short-Range Wireless Networking Environment
6,691,227 (09/657,745)	September 10, 2000	Location Independent Packet Routing and Secure Access in a Short-Range Wireless Networking Environment

**UNITED STATES PENDING PATENT APPLICATIONS**

Serial No.	Filing Date	Title
09/866,297 (divisional of 09/657,745)	May 21, 2001	Providing Secure Network Access for short-range wireless computing devices
10/688,576 (continuation of 09/657,745)	October 20, 2003	Location Independent Packet Routing and Secure Access in a Short-Range Wireless Networking Environment
09/685,715	October 10, 2000	Extension Mechanism and Technique for Enabling Low-Power End Devices To Access Remote Networks using Short-Range Wireless Communications means
10/785,637 (divisional of 09/685,715)	February 24 2004	Mechanism and Technique for Dynamically Optimizing Antenna Orientation and Transmit Power in a Meshed Network Environment
09/848,662	May 3, 2001	Method and System for Adapting Short-Range Wireless Access Points for Participation in a Coordinated Networked Environment

09/848,441	May 3, 2001	Location Aware Service Proxies in a Short-Range Wireless Environment
09/848,394	May 3, 2001	Technique for Enabling Remote Data Access and Manipulation from a Pervasive Device
10/011,538	Nov. 13, 2001	Enabling Secure Communication in a Clustered or Distributed Architecture
10/457,573 (divisional of 09/637,742)	June 11, 2003	Seamless User Mobility in a Short-Range Wireless Networking Environment



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PATENT AND  
TRADEMARK OFFICE

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MAY 14, 2003

PTAS

Under Secretary of Commerce For Intellectual Property and  
Director of the United States Patent and Trademark Office  
Washington, DC 20231  
[www.uspto.gov](http://www.uspto.gov)

MARCIA L. DOUBET  
P.O. BOX 422859  
KISSIMMEE, FL 34742-2859



\*102337702A\*

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RECORDATION DATE: 01/13/2003

REEL/FRAME: 013650/0552  
NUMBER OF PAGES: 9

BRIEF: CORRECTION OF INVENTOR NAME REEL 011776 FRANE 0573.

ASSIGNOR:

SINGHAI, SANDEEP KISHAN

DOC DATE: 05/02/2001

ASSIGNOR:

NEVES, RHICHARD KENT

DOC DATE: 05/02/2001

ASSIGNOR:

SANDERS, DARREN MICHAEL

DOC DATE: 05/02/2001

ASSIGNEE:

REEFEDGE, INC.  
2 EXECUTIVE DRIVE, SUITE 600  
FORT LEE, NEW JERSEY 07024

SERIAL NUMBER: 09848441

FILING DATE: 05/03/2001

PATENT NUMBER:

ISSUE DATE:

013650/0552 PAGE 2

SHAREILL COLES, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

OFFICE OF PUBLIC RECORD

01-15-2003

2003 JAN 13 PM 2: 4



102337702

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TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

**Submission Type**

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☐ Resubmission (Non-Recordation)  
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☐ Correction of PTO Error  
Reel #  Frame #   
☐ Corrective Document  
Reel #  Frame #

**Conveyance Type**

☐ Assignment ☐ Security Agreement  
☐ License ☐ Change of Name  
☐ Merger ☒ Other  Correction of Inventor Name  
**U.S. Government**  
(For Use ONLY by U.S. Government Agencies)  
☐ Departmental File ☐ Secret File

**Conveying Party(ies)**

☒ Mark if additional names of conveying parties attached

Name (line 1)  Singhal, Sandeep Kishan  Execution Date  
Month Day Year  
05022001

Name (line 2)

**Second Party**

Name (line 1)  Sanders, Darren Michael  Execution Date  
Month Day Year  
05022001

Name (line 2)

**Receiving Party**

☐ Mark if additional names of receiving parties attached

Name (line 1)  ReefEdge, Inc.

Name (line 2)  a Corporation of Delaware

Address (line 1)  2 Executive Drive, Suite 600

Address (line 2)

Address (line 3)  Fort Lee  NJ / USA  07024  
City State/Country Zip Code

☐ If document to be recorded  
is an assignment and the  
receiving party is not  
domiciled in the United  
States, an appointment  
of a domestic  
representative is attached.  
(Designation must be a  
separate document from  
Assignment.)

**Domestic Representative Name and Address**

Enter for the first Receiving Party only.

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

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Mail documents to be recorded with required cover sheet(s) information to:  
Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

**Correspondent Name and Address**

Area Code and Telephone Number (407) 343-7586

Name Marcia L. Doubet

Address (line 1) P. O. Box 422859

Address (line 2) Kissimmee, FL 34742-2859

Address (line 3)

Address (line 4)

**Pages**

Enter the total number of pages of the attached conveyance document including any attachments.

# 5

**Application Number(s) or Patent Number(s)**

☐ Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

**Patent Application Number(s)**

09/848,441

**Patent Number(s)**

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year

**Patent Cooperation Treaty (PCT)**

Enter PCT application number

only if a U.S. Application Number has not been assigned.

PCT

PCT

PCT

PCT

PCT

PCT

**Number of Properties**

Enter the total number of properties involved.

# 1

**Fee Amount**

Fee Amount for Properties Listed (37 CFR 3.41): \$ 40.00

Method of Payment:

Deposit Account

Enclosed ☒

Deposit Account ☐

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number:

# 501525

Authorization to charge additional fees:

Yes

☒

No

☐

**Statement and Signature**

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.

Marcia L. Doubet

Name of Person Signing

Marcia L. Doubet

Signature

January 6, 2003

Date



RECORDATION FORM COVER SHEET  
CONTINUATION  
PATENTS ONLY

U.S. Department of Commerce  
Patent and Trademark Office  
PATENT

Conveying Party(ies)

☐ Mark If additional names of conveying parties attached

Enter additional Conveying Parties

Execution Date  
Month Day Year

Name (line 1) Neves, Richard Kent

05022001

Name (line 2)

Execution Date  
Month Day Year

Name (line 1)

Name (line 2)

Execution Date  
Month Day Year

Name (line 1)

Name (line 2)

Receiving Party(ies)

☐ Mark If additional names of receiving parties attached

Enter additional Receiving Party(ies)

Name (line 1)

☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

Zip Code

Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

Zip Code

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Application Number(s) or Patent Number(s)

☐ Mark If additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)



5-301

05-11-2001



101708820

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Form PTO-1595  
(Rev. 03/01)

RECORDATION FORM COVER SHEET  
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U.S. Patent and Trademark Office

OMB No. 0651-0027 (exp. 5/31/2002)

Tab settings ⇌ ⇌ ⇌ ▼ ▼ ▼ ▼ ▼ ▼ ▼

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Sandeep Kishan Singhal  
Darren Michael ~~Kent~~ Sanders *mls*  
Richard Kent Neves

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

Execution Date: May 2, 2001

2. Name and address of receiving party(ies)

Name: ReefEdge, Inc.

Internal Address: \_\_\_\_\_

09848441

Street Address: 2 Executive Drive,  
Suite 600

City: Ft. Lee State: NJ Zip 07024

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: 5/2/01

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: GLENN GOLD, P.A.

Internal Address: \_\_\_\_\_

Street Address: 600 N. Pine Island Rd.  
Suite 450

City: Plantation State: FL Zip: 33324

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41).....\$ 40.00

☐ Enclosed

☐ Authorized to be charged to deposit account

8. Deposit account number:

(Attach duplicate copy of this page if paying by deposit account)

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Glenn E. Gold

Name of Person Signing

*Glenn E. Gold*

Signature

5-3-2001

Date

Total number of pages including cover sheet, attachments, and documents: 6

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231

11036 U.S. PTO

09/848441



05/03/01

6020.0100

ASSIGNMENT

WHEREAS, we:

- (1) Sandeep Kishan Singhal,
- (2) Darren Michael Sanders,
- (3) Richard Kent Neves,
- (4) \_\_\_\_\_,
- (5) \_\_\_\_\_,

residing, respectively, at:

- (1) 2 Leighton St., Engelwood Cliffs, NJ, 07632-1414,
- (2) 61 Avalon Gardens Dr., Nanuet, NY, 10954,
- (3) 18 N. Broadway (#208), Tarrytown, NY, 10591,
- (4) \_\_\_\_\_,
- (5) \_\_\_\_\_,

have made an invention entitled: Location-Aware Service  
Proxies in a Short-Range Wireless Environment

and [X] are about to make application for United States  
Letters Patent therefor, the same being  
executed by us on 2 MAY, 2001; and

[ ] have made application for United States Letters Patent thereof, filed \_\_\_\_\_, 19\_\_\_\_, under Serial No. \_\_\_\_\_; and

WHEREAS, ReefEdge, Inc., a corporation organized and existing under the laws of Delaware and having an office and place of business at 2 Executive Drive, Suite 600, Fort Lee, New Jersey, 07024, is desirous of acquiring the entire interest in said invention, said United States patent application, and in any Letters Patent which may issue thereon;

NOW, THEREFORE, be it known that for and in consideration of our employment by ReefEdge, Inc., and other good and valuable consideration, we do hereby sell, assign, and transfer unto the said ReefEdge, Inc., its successors, assigns, and legal representatives, all right, title, and interest in and to said invention and any improvements thereon for all countries of the world, and in and to said application, including any continuations and divisions thereof, and any substitute applications therefor, and any patent which may issue thereon, and any reissues of the same; and all right, title, and interest in and to every patent application filed on said invention in any other country, including renewals, revivals, continuations, and divisions thereof, and any substitute applications therefor, and any and all patents which may issue thereon, and any reissues and

extensions of the same; and we hereby authorize and request competent authorities to grant and issue any and all patents on said invention to the said ReefEdge, Inc. as the assignee of the entire interest therein; and we further agree to execute upon request of the assignee such additional documents, if any, as are necessary and proper to secure patent protection on said invention throughout all countries of the world, and otherwise to give full effect to and perfect the rights of the assignee under this Assignment.

IN TESTIMONY WHEREOF, we have hereunto signed our names at FORT LEE, NJ,  
on the dates indicated hereinafter:

5/2/01  
Date

*Sanjay K. Singh*  
(1)

5/2/01  
Date

(2) *Darren Anderson*

5/2/01  
Date

(3) *Richard M.*

\_\_\_\_\_  
Date

(4)

\_\_\_\_\_  
Date

(5)

STATE OF New Jersey )  
 ) ss.:  
COUNTY OF Bergen )

Before me a Notary Public for Said County,  
personally appeared SANDEEP K SINGHAL, to me  
known and known to me to be the person who executed the  
foregoing instrument and acknowledged it to be a free act and  
deed.

Witness my hand and seal 5/2, 2001.

  
Notary Public


My Commission expires: 8/28/01

[Notary Seal]

STATE OF New Jersey )  
 ) ss.:  
COUNTY OF Bergen )

Before me a Notary Public for Said County,  
personally appeared DARREEM SANDERS, to me  
known and known to me to be the person who executed the  
foregoing instrument and acknowledged it to be a free act and  
deed.

Witness my hand and seal 5/2, 2001.

  
Notary Public


My Commission expires: 8/28/01

[Notary Seal]

STATE OF New Jersey )  
COUNTY OF Bergen ) ss.:

Before me a Notary Public for Said County,  
personally appeared RICHARD NEVES, to me  
known and known to me to be the person who executed the  
foregoing instrument and acknowledged it to be a free act and  
deed.

Witness my hand and seal 5/2, 2007.

  
Notary Public

My Commission expires: 6/25/07

[Notary Seal]

STATE OF \_\_\_\_\_ )  
COUNTY OF \_\_\_\_\_ ) ss.:

Before me a Notary Public for Said County,  
personally appeared \_\_\_\_\_, to me  
known and known to me to be the person who executed the  
foregoing instrument and acknowledged it to be a free act and  
deed.

Witness my hand and seal \_\_\_\_\_, 20\_\_\_\_.

Notary Public

My Commission expires:

[Notary Seal]

Application Serial Number 09/848,441  
Attorney Docket Number 6020.0100

**CORRECTION TO ASSIGNMENT OF PATENT APPLICATION**

Inventor: S. Singhal et al.  
Art Unit: 2682  
Examiner: Eliseo Ramos Feliciano  
For: Location-Aware Service Proxies in a Short-Range Wireless Environment

Serial Nbr: 09/848,441 Filed: May 3, 2001

Assistant Commissioner for Patents  
Box Assignment  
Washington, DC 20231

Dear Sir:

The list of inventors for the patent application having serial number 09/848,441, filed May 3, 2001, contained an error in the assignment papers which were filed. The assignment papers themselves are correct, naming "Darren Michael Sanders" as the second inventor, but the cover sheet that was submitted (PTO Form 1595) incorrectly stated "Darren Michael Kent".

A corrected recordation using Forms PTO-1619A, -1619B, and -1619C is filed herewith, along with a marked-up and initialed copy of the originally-filed assignment documents. A check in the amount of \$40 for the recordation fee is also included herewith. Please correct the recordation at Reel/Frame 011776/0573.

Respectfully submitted,

Date: January 6, 2003  
Correspondence Address: Cust. No. 000025260  
P. O. Box 422859  
Kissimmee, FL 34742-2859

By Marcia L. Doubet  
Marcia L. Doubet, Attorney of Record  
Registration Number 40,999  
Telephone: 407-343-7586

**CERTIFICATE OF MAILING UNDER 37 CFR 1.8(a)**

I hereby certify that I am depositing the enclosed or attached correspondence with the United States Postal Service as first class mail in an enveloped addressed to the Assistant Commissioner for Patents Washington, D.C. 20231 on January 6, 2003.

Marcia L. Doubet  
(Name of person mailing paper or fee)

Marcia L. Doubet  
(Signature of person mailing paper or fee)





UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office

ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

JULY 25, 2001

PTAS

GLENN GOLD, P.A.  
GLENN E. GOLD  
600 N. PINE ISLAND RD.  
SUITE 450  
PLANTATION, FL 33324



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NUMBER OF PAGES: 6

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

SINGHAL, SANDEEP KISHAN

DOC DATE: 05/02/2001

ASSIGNOR:

KENT, DARREN MICHAEL

DOC DATE: 05/02/2001

ASSIGNOR:

NEVES, RICHARD KENT

DOC DATE: 05/02/2001

ASSIGNEE:

REEFEDGE, INC.  
2 EXECUTIVE DRIVE  
SUITE 600  
FT. LEE, NEW JERSEY 07024

SERIAL NUMBER: 09848441  
PATENT NUMBER:

FILING DATE: 05/03/2001  
ISSUE DATE:

011776/0573 PAGE 2

MARY BENTON, EXAMINER  
ASSIGNMENT DIVISION  
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JULY 25, 2001

PTAS



\*101708820A\*

GLENN GOLD, P.A.  
GLENN E. GOLD  
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ASSIGNOR:  
KENT, DARREN MICHAEL

DOC DATE: 05/02/2001

ASSIGNOR:  
NEVES, RICHARD KENT

DOC DATE: 05/02/2001

ASSIGNEE:  
REEFEDGE, INC.  
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